Circular Queue

Algorithm -

- 1. Initialize the greene, with size of the guene defined (marsize), and head and tail pointers.
- 2. enquene: Check if the number of elements is equal to mansize -1:

 - ··> If Yes, then return Queue is full ··> If NO, Then add the new data element to the location of Tail pointer and increment the tail pointer.
- 3. dequene: Check if the number of elements
 in the queue is zero

 ... If Yes, then return anene is empty
 ... If No, Then increment the head pointer
- 4. Finding the size:

 ...> If tail > = head, size = (tail head) + 1

 ...> But if, head > tail, then size = mansize (head tail)+1